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# Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

*Prepared by the* COMMUNICABLE DISEASE CENTER MElrose 4-5131

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 26, 1961

**Poliomyelitis** – Seventy-four cases of poliomyelitis were reported during the current week, 58 of which were paralytic. During the previous week, the total was 69, of which 48 were paralytic. Although there was an increase in both total and paralytic cases for the third successive week, the incidence of poliomyelitis remains well below that of recent years as illustrated below.

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POLIOMYELITIS CASES (CUMULATIVE) THROUGH 34TH WEEK

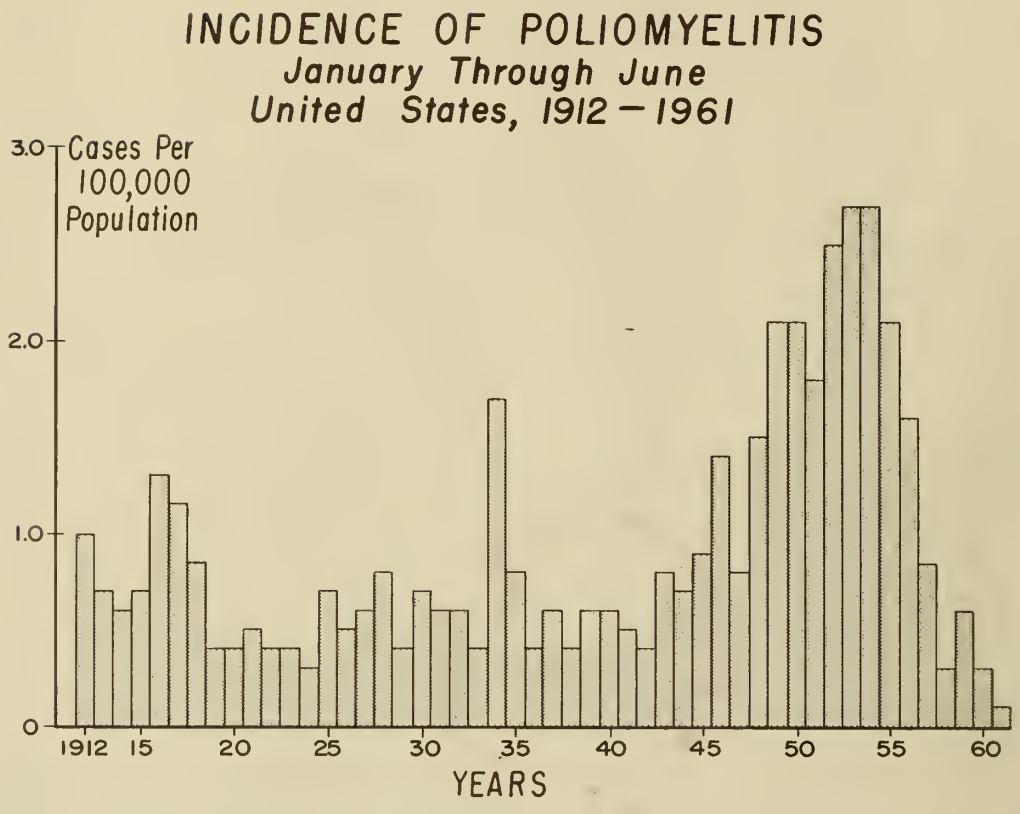
| | 1961 | 1960 | 1959 | 1958 | 1957 |
|---|---|---|---|---|---|
| Paralytic | 381 | 966 | 2531 | 981 | 1182 |
| Total | 564 | 1368 | 3922 | 1997 | 3639 |

Approximately one-third of the paralytic cases reported this week are from New York State. A significant concentration of paralytic poliomyelitis has been noted in the contiguous counties of Onondaga (Syracuse, Madison, and Oneida. Through August 28, 36 cases of paralytic poliomyelitis have occurred in the tri-county area; all but four have had onset in August. Of the 36 cases, 14 have occurred in Madison County, 13 in Onondaga County (9 in Syracuse) and 9 in Oneida County. A table of the paralytic cases by county and week of onset is shown on page 2. In addition to the 36 paralytic cases, there are two nonparalytic cases and two suspect cases in Onondaga County and one nonparalytic case in Oneida County. The

## Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

| Disease (Seventh Revision of International Lists, 1955) | 34th Week | | | Cumulative | | | | | | Approximate seasonal low point |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | First 34 weeks | | | Since seasonal low week | | | |
| * Weekly incidence low or sporadic<br>--- Data not available<br>- Quantity zero | Ended Aug. 26, 1961 | Ended Aug. 27, 1960 | Median 1956-60 | 1961 | 1960 | Median 1956-60 | 1960-61 | 1959-60 | Median 1955-56 to 1959-60 | |
| Anthrax-----062 | - | - | * | 5 | 10 | * | * | * | * | * |
| Botulism-----049.1 | - | - | * | 4 | 8 | * | * | * | * | * |
| Brucellosis (undulant fever)-----044 | 14 | 9 | 10 | 402 | 543 | 534 | * | * | * | * |
| Diphtheria-----055 | 13 | 19 | 18 | 366 | 402 | 480 | 57 | 75 | 83 | July 1 |
| Encephalitis, infectious-----082 | 30 | 49 | 52 | 1,030 | 1,169 | 1,110 | 1,030 | 1,169 | 1,110 | Jan. 1 |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 1,052 | 677 | 275 | 51,823 | 24,814 | 13,790 | 67,030 | 32,322 | 19,651 | Sept. 1 |
| Malaria-----110-117 | - | - | * | 37 | 44 | * | * | * | * | * |
| Measles-----085 | 1,017 | 1,055 | 1,244 | 384,756 | 398,617 | 446,329 | 420,966 | 431,224 | 482,998 | Sept. 1 |
| Meningitis, aseptic-----340 pt. | 101 | 116 | --- | 1,516 | 1,479 | --- | 1,516 | 1,479 | --- | Jan. 1 |
| Meningococcal infections-----057 | 32 | 28 | 28 | 1,485 | 1,515 | 1,666 | 2,141 | 2,245 | 2,416 | Sept. 1 |
| Poliomyelitis-----080 | 74 | 144 | 397 | 564 | 1,368 | 3,635 | 461 | 1,155 | 3,107 | Apr. 1 |
| Paralytic-----080.0,080.1 | 58 | 92 | 95 | 381 | 966 | 1,149 | 321 | 809 | 874 | Apr. 1 |
| Nonparalytic-----080.2 | 9 | 36 | 233 | 117 | 293 | 1,911 | 92 | 263 | 1,750 | Apr. 1 |
| Unspecified-----080.3 | 7 | 16 | 69 | 66 | 109 | 575 | 48 | 83 | 483 | Apr. 1 |
| Psittacosis-----096.2 | 1 | - | * | 47 | 68 | * | * | * | * | * |
| Rabies in man-----094 | - | - | * | 3 | 1 | * | * | * | * | * |
| Streptococcal sore throat, including scarlet fever-----050,051 | 2,825 | 3,061 | --- | 230,973 | 221,017 | --- | 11,762 | --- | --- | Aug. 1 |
| Typhoid fever-----040 | 29 | 19 | 31 | 480 | 502 | 613 | 366 | 372 | 433 | Apr. 1 |
| Typhus fever, endemic-----101 | 1 | 1 | * | 26 | 51 | * | * | * | * | * |
| Rabies in animals----- | 60 | 50 | 73 | 2,331 | 2,549 | 3,093 | 2,907 | 3,519 | 3,968 | Oct. 1 |




The incidence of paliamyelitis in the United States for the first six manths of each year since paliamyelitis reparting was initiated in 1912 is shawn in the above table.

DATE OF ONSET OF TRI COUNTY PARALYTIC POLIO CASES

| WEEK ENDING: | Jan.-June | 7/29 | 8/5 | 8/12 | 8/19 | 8/26 | Total |
|---|---|---|---|---|---|---|---|
| Madison Caunty* | 1 | 0 | 4 | 3 | 4 | 1 | 14 |
| Onondaga Caunty | 1 | 1 | 2 | 1 | 3 | 5 | 13 |
| Oneida Caunty | 1 | 0 | 2 | 2 | 2 | 2 | 9 |
| Tatal | 3 | 1 | 8 | 6 | 9 | 8 | 36 |

* One additianal Madisan Caunty case had anset in August.

majority of cases has occurred among pre-school children in each of the counties. The vaccination status of the 36 paralytic cases by age is shown below:

TRI-COUNTY AREA BY AGE GROUP AND VACCINATION STATUS - PARALYTIC CASES

| Age Graup | Vaccinatian Histary | | | | | | |
|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4+ | Unknawn | Tatal |
| 0-4 | 7 | 1 | 4 | 7 | 1 | 3 | 23 |
| 5-9 | 1 | 0 | 0 | 3 | 1 | 2 | 7 |
| 10-19 | 1 | 0 | 0 | 0 | 1 | 0 | 2 |
| 20+ | 3 | 0 | 0 | 0 | 1 | 0 | 4 |
| Tatal | 12 | 1 | 4 | 10 | 4 | 5 | 36 |

Type I poliomyelitis virus has been isolated from at least 4 cases.

New York State Health officials requested 350,000 doses of the type I oral vaccine from the Public Health Service epidemic reserve. Mass immunization was begun on Tuesday, August 29, and health authorities expect that 300,000 persons will receive the vaccine by Thursday, August 31. The doses, two drops given orally with a calibrated dropper, will be made available free to all persons under 50 years of age in the three counties. This is the first large-scale distribution of the oral vaccine which was licensed by the Public Health Service earlier this month.

## EPIDEMIOLOGICAL REPORTS

### Infectiaus Hepatitis – Alaska

In July and August an outbreak of infectious hepatitis occurred among inhabitants of Hoonah and nearby Excursion Inlet, Alaska. Hoonah is a fishing village of approximately 700 Tlingit Indians on an island 40 miles west of Juneau. Excursion Inlet is located 20 miles from Hoonah and has a summer population of approximately 300, about half of which is composed of members of Hoonah families

(Continued an page 8)

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 27, 1960 AND AUGUST 26, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| Area | Poliomyelitis 080 | | | | | | | | | | Meningitis, aseptic 340 pt. | Brucellosis (undulant fever) 044 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total (Includes cases not specified by type) | | | | Paralytic 080.0,080.1 | | | | Nonparalytic 080.2 | | | |
| | 34th Week | | Cumulative, first 34 weeks | | 34th Week | | Cumulative, first 34 weeks | | | | | |
| | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1961 |
| UNITED STATES | 74 | 144 | 564 | 1,368 | 58 | 92 | 381 | 966 | 9 | 36 | 101 | 14 |
| NEW ENGLAND | 1 | 11 | 9 | 126 | 1 | 7 | 7 | 102 | - | 4 | 15 | - |
| Maine | - | 2 | - | 9 | - | 2 | - | 9 | - | - | - | - |
| New Hampshire | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | 2 | 1 | - | - | 2 | 1 | - | - | - | - |
| Massachusetts | 1 | 2 | 4 | 19 | 1 | 1 | 3 | 14 | - | 1 | 5 | - |
| Rhode Island | - | 6 | - | 86 | - | 4 | - | 68 | - | 2 | 10 | - |
| Connecticut | - | 1 | 2 | 11 | - | - | 2 | 10 | - | 1 | - | - |
| MIDDLE ATLANTIC | 33 | 26 | 86 | 173 | 27 | 19 | 72 | 133 | 3 | 7 | 13 | - |
| New York | 24 | 12 | 51 | 101 | 21 | 10 | 42 | 75 | - | 2 | 12 | - |
| New Jersey | 3 | 8 | 20 | 38 | 2 | 3 | 18 | 29 | 1 | 5 | - | - |
| Pennsylvania | 6 | 6 | 15 | 34 | 4 | 6 | 12 | 29 | 2 | - | 1 | - |
| EAST NORTH CENTRAL | 11 | 25 | 55 | 187 | 8 | 15 | 32 | 104 | 1 | 6 | 29 | 4 |
| Ohio | 4 | 7 | 18 | 43 | 4 | 4 | 10 | 20 | - | 1 | 5 | 1 |
| Indiana | 1 | 4 | 5 | 35 | 1 | 3 | 4 | 24 | - | 1 | 4 | 2 |
| Illinois | 2 | 9 | 16 | 64 | - | 6 | 7 | 44 | 1 | 2 | 9 | 1 |
| Michigan | 3 | 3 | 10 | 36 | 3 | 2 | 9 | 15 | - | 1 | 10 | - |
| Wisconsin | 1 | 2 | 6 | 9 | - | - | 2 | 1 | - | 1 | 1 | - |
| WEST NORTH CENTRAL | 3 | 3 | 33 | 69 | 3 | 1 | 16 | 38 | - | 2 | 12 | 4 |
| Minnesota | 1 | 1 | 4 | 25 | 1 | 1 | 4 | 19 | - | - | 12 | - |
| Iowa | 1 | - | 11 | 10 | 1 | - | 5 | 2 | - | - | - | 2 |
| Missouri | - | 1 | 8 | 11 | - | - | 2 | 7 | - | 1 | - | - |
| North Dakota | - | 1 | 1 | 6 | - | - | - | 2 | - | 1 | - | - |
| South Dakota | - | - | - | 3 | - | - | - | 1 | - | - | - | 1 |
| Nebraska | 1 | - | 4 | 5 | 1 | - | 3 | 4 | - | - | - | - |
| Kansas | - | - | 5 | 9 | - | - | 2 | 3 | - | - | - | 1 |
| SOUTH ATLANTIC | 11 | 32 | 118 | 228 | 8 | 22 | 91 | 161 | 2 | 10 | 4 | 2 |
| Delaware | - | - | 2 | - | - | - | 1 | - | - | - | - | - |
| Maryland | 4 | 10 | 21 | 17 | 4 | 8 | 21 | 14 | - | 2 | - | - |
| District of Columbia | - | - | 1 | - | - | - | 1 | - | - | - | - | - |
| Virginia | - | 1 | 8 | 8 | - | 1 | 6 | 6 | - | - | 4 | 1 |
| West Virginia | 3 | 3 | 14 | 19 | 2 | 3 | 9 | 16 | 1 | - | - | - |
| North Carolina | - | 10 | 8 | 48 | - | 4 | 6 | 36 | - | 6 | - | - |
| South Carolina | 1 | 5 | 11 | 86 | 1 | 4 | 9 | 55 | - | 1 | - | - |
| Georgia | 2 | 3 | 27 | 9 | 1 | 2 | 20 | 7 | 1 | 1 | - | 1 |
| Florida | 1 | - | 26 | 41 | - | - | 18 | 27 | - | - | - | - |
| EAST SOUTH CENTRAL | 2 | 15 | 42 | 80 | 1 | 4 | 22 | 50 | - | - | 2 | 1 |
| Kentucky | 1 | 10 | 19 | 32 | - | - | 4 | 5 | - | - | - | - |
| Tennessee | - | 4 | 10 | 15 | - | 3 | 6 | 12 | - | - | 1 | 1 |
| Alabama | - | - | 6 | 9 | - | - | 6 | 9 | - | - | - | - |
| Mississippi | 1 | 1 | 7 | 24 | 1 | 1 | 6 | 24 | - | - | 1 | - |
| WEST SOUTH CENTRAL | 8 | 2 | 92 | 154 | 5 | 1 | 49 | 91 | 3 | 1 | 2 | 2 |
| Arkansas | 2 | - | 8 | 11 | - | - | 4 | 5 | 2 | - | 1 | - |
| Louisiana | 5 | - | 30 | 38 | 4 | - | 22 | 24 | 1 | - | - | 1 |
| Oklahoma | - | - | 3 | 8 | - | - | - | 5 | - | - | - | - |
| Texas | 1 | 2 | 51 | 97 | 1 | 1 | 23 | 57 | - | 1 | 1 | 1 |
| MOUNTAIN | 1 | 1 | 38 | 40 | 1 | - | 23 | 19 | - | - | 1 | - |
| Montana | - | - | 3 | 13 | - | - | 2 | 9 | - | - | 1 | - |
| Idaho | - | - | 12 | 5 | - | - | 6 | 1 | - | - | - | - |
| Wyoming | - | - | - | 7 | - | - | - | - | - | - | - | - |
| Colorado | 1 | - | 6 | 5 | 1 | - | 6 | 4 | - | - | - | - |
| New Mexico | - | 1 | 3 | 3 | - | - | - | - | - | - | - | - |
| Arizona | - | - | 7 | 4 | - | - | 5 | 4 | - | - | - | - |
| Utah | - | - | 7 | 3 | - | - | 4 | 1 | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | 4 | 29 | 91 | 311 | 4 | 23 | 69 | 268 | - | 6 | 23 | 1 |
| Washington | 2 | 1 | 17 | 17 | 2 | 1 | 13 | 17 | - | - | 3 | - |
| Oregon | - | 2 | 11 | 22 | - | - | 4 | 13 | - | 2 | - | - |
| California | 2 | 26 | 61 | 264 | 2 | 22 | 50 | 230 | - | 4 | 20 | - |
| Alaska | - | - | - | 2 | - | - | - | 2 | - | - | - | - |
| Hawaii | - | - | 2 | 6 | - | - | 2 | 6 | - | - | - | 1 |
| Puerto Rico | --- | 11 | 5 | 401 | --- | 11 | 5 | 394 | --- | - | --- | --- |

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 27, 1960 AND AUGUST 26, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| Area | Diphtheria 055 | | | | Encephalitis, infectious | | Hepatitis, infectious, and serum 092,N998.5 pt. | | | | Measles | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 34th Week | | Cumulative, first 34 weeks | | 082 | | 34th Week | | Cumulative, first 34 weeks | | 085 | |
| | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 | 1961 | 1960 |
| UNITED STATES | 13 | 19 | 366 | 402 | 30 | 49 | 1,052 | 677 | 51,823 | 24,814 | 1,017 | 1,055 |
| NEW ENGLAND | - | - | 6 | 10 | 2 | 3 | 46 | 17 | 1,463 | 747 | 99 | 75 |
| Maine | - | - | - | 2 | - | - | 1 | - | 95 | 46 | 9 | 7 |
| New Hampshire | - | - | - | - | - | - | 10 | - | 106 | 21 | 1 | - |
| Vermont | - | - | - | - | - | - | 2 | - | 158 | 11 | 13 | 13 |
| Massachusetts | - | - | 5 | 7 | 1 | 1 | 23 | 10 | 551 | 375 | 48 | 36 |
| Rhode Island | - | - | - | 1 | - | 2 | 5 | 1 | 187 | 146 | 11 | 4 |
| Connecticut | - | - | 1 | - | 1 | - | 5 | 6 | 366 | 148 | 17 | 15 |
| MIDDLE ATLANTIC | - | - | 19 | 12 | 11 | 4 | 132 | 108 | 7,163 | 2,810 | 230 | 173 |
| New York | - | - | 7 | 3 | 10 | 2 | 59 | 63 | 3,000 | 1,492 | 140 | 116 |
| New Jersey | - | - | - | 1 | - | 1 | 30 | 5 | 1,722 | 198 | 24 | 32 |
| Pennsylvania | - | - | 12 | 8 | 1 | 1 | 43 | 40 | 2,441 | 1,120 | 66 | 25 |
| EAST NORTH CENTRAL | - | 1 | 15 | 34 | 2 | 9 | 206 | 86 | 10,439 | 4,513 | 195 | 351 |
| Ohio | - | - | 1 | 14 | - | 1 | 65 | 33 | 3,530 | 1,518 | 13 | 30 |
| Indiana | - | - | 1 | 5 | - | 3 | 28 | 9 | 1,620 | 520 | 19 | 36 |
| Illinois | - | - | 10 | 4 | 1 | 5 | 42 | 27 | 1,811 | 923 | 73 | 8 |
| Michigan | - | - | 3 | 9 | 1 | - | 69 | 17 | 3,225 | 1,384 | 48 | 98 |
| Wisconsin | - | 1 | - | 2 | - | - | 2 | - | 253 | 168 | 42 | 179 |
| WEST NORTH CENTRAL | 2 | 3 | 31 | 21 | 1 | 3 | 78 | 36 | 5,123 | 1,797 | 14 | 19 |
| Minnesota | 2 | - | 20 | 5 | - | 1 | 14 | 7 | 1,119 | 201 | 4 | 1 |
| Iowa | - | 3 | 1 | 5 | - | 1 | 19 | 5 | 1,483 | 303 | 9 | 3 |
| Missouri | - | - | - | 2 | - | 1 | 28 | 12 | 1,161 | 661 | - | 4 |
| North Dakota | - | - | 2 | 1 | - | - | 1 | 3 | 122 | 138 | - | 10 |
| South Dakota | - | - | 6 | 5 | 1 | - | 3 | - | 136 | 122 | - | - |
| Nebraska | - | - | 2 | 1 | - | - | 4 | - | 527 | 186 | 1 | 1 |
| Kansas | - | - | - | 2 | - | - | 9 | 9 | 575 | 186 | NN | NN |
| SOUTH ATLANTIC | 3 | 11 | 74 | 112 | 3 | 4 | 114 | 66 | 6,445 | 2,962 | 102 | 57 |
| Delaware | - | - | - | - | - | - | 8 | 2 | 155 | 185 | 13 | 2 |
| Maryland | - | - | 1 | 1 | - | 3 | 6 | 5 | 608 | 304 | 10 | 10 |
| District of Columbia | - | - | 2 | - | - | - | 1 | 3 | 77 | 36 | 5 | 4 |
| Virginia | 1 | 2 | 15 | 12 | - | - | 19 | 10 | 1,028 | 597 | 31 | 18 |
| West Virginia | - | - | 1 | 4 | - | - | 18 | 19 | 1,207 | 558 | 21 | 7 |
| North Carolina | - | - | 7 | 5 | 1 | 1 | 28 | 6 | 1,365 | 251 | 1 | - |
| South Carolina | - | 6 | 5 | 37 | 2 | - | 3 | - | 326 | 47 | 1 | 7 |
| Georgia | 2 | - | 17 | 20 | - | - | 2 | 6 | 598 | 195 | - | - |
| Florida | - | 3 | 26 | 33 | - | - | 29 | 15 | 1,081 | 789 | 20 | 9 |
| EAST SOUTH CENTRAL | 3 | - | 28 | 40 | 2 | 3 | 112 | 66 | 7,764 | 3,586 | 50 | 90 |
| Kentucky | - | - | 8 | 1 | - | - | 29 | 16 | 2,292 | 1,350 | 10 | 5 |
| Tennessee | - | - | 3 | 6 | - | 1 | 53 | 23 | 3,098 | 1,175 | 36 | 67 |
| Alabama | 3 | - | 12 | 20 | - | - | 19 | 19 | 1,366 | 771 | 3 | 16 |
| Mississippi | - | - | 5 | 13 | 2 | 2 | 11 | 8 | 1,008 | 290 | 1 | 2 |
| WEST SOUTH CENTRAL | 3 | 4 | 179 | 139 | - | 3 | 64 | 51 | 3,770 | 2,047 | 64 | 92 |
| Arkansas | - | - | 4 | 4 | - | - | 12 | 5 | 745 | 105 | - | 4 |
| Louisiana | 1 | - | 22 | 29 | - | - | 8 | 4 | 403 | 97 | - | - |
| Oklahoma | - | 1 | 5 | 7 | - | - | 12 | 1 | 258 | 257 | 1 | 3 |
| Texas | 2 | 3 | 148 | 99 | - | 3 | 32 | 41 | 2,364 | 1,588 | 63 | 85 |
| MOUNTAIN | 1 | - | 8 | 33 | 2 | 9 | 40 | 57 | 3,167 | 2,010 | 68 | 62 |
| Montana | - | - | 2 | 3 | - | - | 3 | 1 | 286 | 80 | - | 4 |
| Idaho | - | - | - | 11 | - | 1 | 4 | 4 | 234 | 248 | 14 | 9 |
| Wyoming | - | - | - | 5 | - | - | 4 | - | 129 | 22 | - | 3 |
| Colorado | - | - | 4 | 3 | - | 7 | 13 | 32 | 1,067 | 728 | 36 | 16 |
| New Mexico | 1 | - | 1 | 4 | 2 | - | 4 | 3 | 349 | 248 | NN | - |
| Arizona | - | - | - | 3 | - | - | 4 | 8 | 479 | 459 | 12 | 12 |
| Utah | - | - | - | 4 | - | 1 | 6 | 6 | 525 | 183 | 6 | 18 |
| Nevada | - | - | 1 | - | - | - | 2 | 3 | 98 | 42 | - | - |
| PACIFIC | 1 | - | 6 | 1 | 7 | 11 | 260 | 190 | 6,489 | 4,342 | 195 | 136 |
| Washington | - | - | - | - | 1 | - | 11 | 20 | 723 | 484 | 8 | 7 |
| Oregon | - | - | - | - | - | - | 22 | 26 | 996 | 718 | 47 | 54 |
| California | 1 | - | 2 | - | 6 | 11 | 124 | 144 | 4,434 | 2,932 | 121 | 75 |
| Alaska | - | - | 4 | 1 | - | - | 97* | - | 290 | 145 | 13 | - |
| Hawaii | - | - | - | - | - | - | 6 | - | 46 | 63 | 6 | - |
| Puerto Rico | --- | 1 | 46 | 103 | --- | - | --- | 17 | 665 | 556 | --- | 8 |

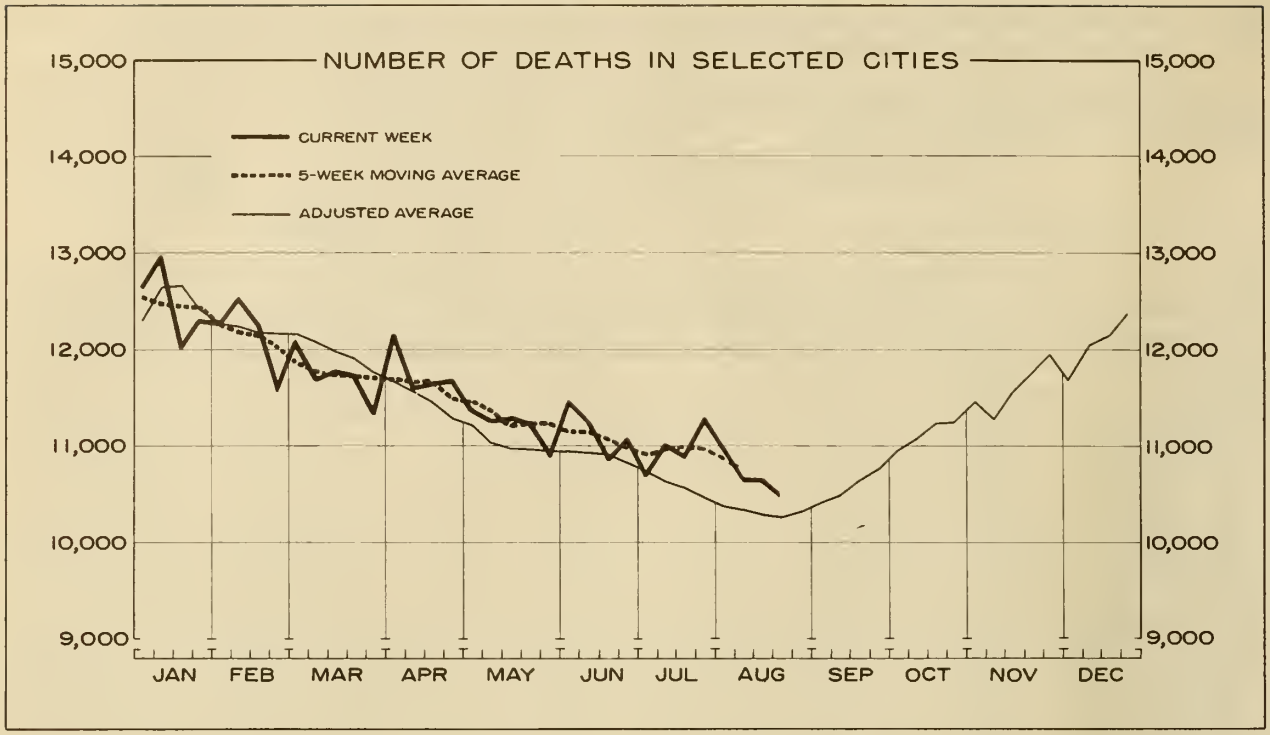
* Epidemic

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 27, 1960 AND AUGUST 26, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| Area | Malaria 110-117 | Meningoccocal infections 057 | | Psittacosis 096.2 | Streptococcal sore throat, etc. 050,051 | Typhoid fever 040 | | | | Typhus fever, endemic 101 | Rabies in animals | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 34th Week | | Cumulative, first 34 weeks | | | | |
| | 1961 | 1961 | 1960 | 1961 | 1961 | 1961 | 1960 | 1961 | 1960 | 1961 | 1961 | 1960 |
| UNITED STATES | - | 32 | 28 | 1 | 2,825 | 29 | 19 | 480 | 502 | 1 | 60 | 50 |
| NEW ENGLAND | - | - | 1 | - | 95 | 1 | - | 10 | 7 | - | - | - |
| Maine | - | - | - | - | 5 | - | - | 1 | 2 | - | - | - |
| New Hampshire | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | - | - | 17 | - | - | - | - | - | - | - |
| Massachusetts | - | - | - | - | 10 | 1 | - | 5 | 2 | - | - | - |
| Rhode Island | - | - | - | - | 4 | - | - | 1 | - | - | - | - |
| Connecticut | - | - | - | - | 59 | - | - | 3 | 3 | - | - | - |
| MIDDLE ATLANTIC | - | 7 | 2 | - | 110 | 5 | - | 55 | 37 | - | - | 9 |
| New York | - | 4 | 1 | - | 99 | 1 | - | 26 | 23 | - | - | 9 |
| New Jersey | - | 2 | - | - | 3 | 4 | - | 16 | 1 | - | - | - |
| Pennsylvania | - | 1 | 1 | - | 8 | - | - | 13 | 13 | - | - | - |
| EAST NORTH CENTRAL | - | 6 | 6 | 1 | 189 | 3 | 3 | 59 | 63 | - | 10 | 6 |
| Ohio | - | - | 1 | - | 13 | - | - | 18 | 15 | - | 1 | 3 |
| Indiana | - | - | 2 | - | 72 | 3 | 2 | 15 | 17 | - | 5 | - |
| Illinois | - | - | - | - | 24 | - | 1 | 22 | 18 | - | 2 | - |
| Michigan | - | 6 | 2 | - | 45 | - | - | 2 | 8 | - | 1 | 3 |
| Wisconsin | - | - | 1 | 1 | 35 | - | - | 2 | 5 | - | 1 | - |
| WEST NORTH CENTRAL | - | 3 | 1 | - | 67 | - | 1 | 27 | 28 | - | 18 | 14 |
| Minnesota | - | - | 1 | - | 4 | - | - | 5 | 1 | - | 4 | 2 |
| Iowa | - | - | - | - | 13 | - | 1 | 1 | 5 | - | 6 | 4 |
| Missouri | - | - | - | - | - | - | - | 15 | 17 | - | 5 | 3 |
| North Dakota | - | 1 | - | - | 46 | - | - | - | 1 | - | - | 2 |
| South Dakota | - | 1 | - | - | 3 | - | - | 3 | 1 | - | 2 | 3 |
| Nebraska | - | 1 | - | - | - | - | - | 1 | 2 | - | 1 | - |
| Kansas | - | - | - | - | 1 | - | - | 2 | 1 | - | - | - |
| SOUTH ATLANTIC | - | 5 | 6 | - | 218 | 5 | 1 | 78 | 77 | - | 7 | 8 |
| Delaware | - | 4 | 1 | - | 2 | - | - | 1 | 1 | - | - | - |
| Maryland | - | - | - | - | 1 | - | - | 1 | 1 | - | - | - |
| District of Columbia | - | - | - | - | 1 | - | - | 9 | 6 | - | - | - |
| Virginia | - | - | 1 | - | 101 | 1 | 1 | 8 | 17 | - | 1 | 4 |
| West Virginia | - | - | - | - | 63 | 1 | - | 9 | 5 | - | 1 | 3 |
| North Carolina | - | - | 3 | - | 4 | 1 | - | 13 | 8 | - | - | - |
| South Carolina | - | - | - | - | 4 | - | - | 5 | 10 | - | - | - |
| Georgia | - | 1 | 1 | - | 1 | 2 | - | 23 | 20 | - | - | - |
| Florida | - | - | - | - | 41 | - | - | 9 | 9 | - | 5 | 1 |
| EAST SOUTH CENTRAL | - | 1 | 6 | - | 631 | 2 | 1 | 49 | 63 | - | 3 | 6 |
| Kentucky | - | - | 1 | - | 39 | - | - | 8 | 13 | - | 2 | 2 |
| Tennessee | - | - | 2 | - | 574 | 2 | 1 | 34 | 35 | - | - | 2 |
| Alabama | - | 1 | 3 | - | 2 | - | - | 6 | 10 | - | 1 | 2 |
| Mississippi | - | - | - | - | 16 | - | - | 1 | 5 | - | - | - |
| WEST SOUTH CENTRAL | - | 2 | - | - | 529 | 9 | 4 | 111 | 157 | 1 | 21 | 5 |
| Arkansas | - | - | - | - | 3 | 5 | - | 17 | 36 | - | 9 | 2 |
| Louisiana | - | 2 | - | - | 3 | 2 | - | 13 | 53 | - | - | - |
| Oklahoma | - | - | - | - | 2 | 1 | - | 11 | 10 | - | 1 | - |
| Texas | - | - | - | - | 521 | 1 | 4 | 70 | 58 | 1 | 11 | 3 |
| MOUNTAIN | - | 5 | - | - | 809 | 3 | 6 | 44 | 27 | - | - | 2 |
| Montana | - | - | - | - | 40 | 1 | 2 | 14 | 7 | - | - | - |
| Idaho | - | - | - | - | 77 | - | 2 | 1 | 2 | - | - | - |
| Wyoming | - | 4 | - | - | - | - | - | 3 | 4 | - | - | - |
| Colorado | - | - | - | - | 331 | - | - | 6 | - | - | - | - |
| New Mexico | - | - | - | - | 175 | 1 | 1 | 8 | 7 | - | - | 2 |
| Arizona | - | 1 | - | - | 124 | - | - | 6 | 6 | - | - | - |
| Utah | - | - | - | - | 62 | - | 1 | 2 | 1 | - | - | - |
| Nevada | - | - | - | - | - | 1 | - | 4 | - | - | - | - |
| PACIFIC | - | 3 | 6 | - | 177 | 1 | 3 | 47 | 43 | - | 1 | - |
| Washington | - | 1 | - | - | 47 | - | - | 7 | 4 | - | - | - |
| Oregon | - | 1 | 1 | - | 10 | - | - | - | 7 | - | - | - |
| California | - | 1 | 5 | - | 91 | 1 | 3 | 40 | 32 | - | 1 | - |
| Alaska | - | - | - | - | 27 | - | - | - | - | - | - | - |
| Hawaii | - | - | - | - | 2 | - | - | - | - | - | - | - |
| Puerto Rico | --- | --- | - | --- | --- | --- | - | 13 | 16 | --- | --- | - |




The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS**

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

| Area | 34th week ended August 26, 1961 | 33rd week ended August 19, 1961 | Adjusted average, 34th week 1956-60 | Percent change, adjusted average to current week | Cumulative, first 34 weeks | | |
|---|---|---|---|---|---|---|---|
| | | | | | 1961 | 1960 | Percent change |
| TOTAL, 117 REPORTING CITIES | 10,509 | 10,631 | 10,258 | +2.4 | 391,629 | 396,432 | -1.2 |
| New England (14 cities) | 593* | 675 | 608 | -2.5 | 24,020 | 24,801 | -3.1 |
| Middle Atlantic (20 cities) | 2,963 | 3,082 | 2,778 | +6.7 | 111,753 | 109,717 | +1.9 |
| East North Central (21 cities) | 2,177* | 2,197 | 2,199 | -1.0 | 83,525 | 85,623 | -2.5 |
| West North Central (9 cities) | 770* | 699 | 738 | +4.3 | 26,691 | 27,614 | -3.3 |
| South Atlantic (11 cities) | 908 | 900 | 869 | +4.5 | 33,863 | 34,252 | -1.1 |
| East South Central (8 cities) | 480 | 487 | 466 | +3.0 | 17,726 | 18,003 | -1.5 |
| West South Central (13 cities) | 927* | 925 | 967 | -4.1 | 33,401 | 34,956 | -4.4 |
| Mountain (8 cities) | 337 | 330 | 325 | +3.7 | 12,486 | 12,345 | +1.1 |
| Pacific (13 cities) | 1,354 | 1,336 | 1,308 | +3.5 | 48,164 | 49,121 | -1.9 |

*Includes estimate for missing reports.

## Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area | 34th week ended August 26, 1961 | 33rd week ended August 19, 1961 | Cumulative, first 34 weeks 1961 | Cumulative, first 34 weeks 1960 |
|---|---|---|---|---|
| NEW ENGLAND: | | | | |
| Boston, Mass. | 196 | 253 | 8,227 | 8,657 |
| Bridgeport, Conn. | 31 | 31 | 1,304 | 1,412 |
| Cambridge, Mass. | 18 | 29 | 979 | 1,074 |
| Fall River, Mass. | 20 | 34 | 922 | 971 |
| Hartford, Conn. | 45 | 53 | 1,634 | 1,660 |
| Lowell, Mass. | 20* | 18 | 829 | 824 |
| Lynn, Mass. | 14 | 18 | 738 | 824 |
| New Bedford, Mass. | 22 | 18 | 897 | 830 |
| New Haven, Conn. | 52 | 44 | 1,580 | 1,546 |
| Providence, R.I. | 55 | 56 | 2,114 | 2,190 |
| Somerville, Mass. | 12 | 8 | 458 | 460 |
| Springfield, Mass. | 31 | 37 | 1,535 | 1,576 |
| Waterbury, Conn. | 18 | 22 | 925 | 944 |
| Worcester, Mass. | 59 | 54 | 1,878 | 1,833 |
| MIDDLE ATLANTIC: | | | | |
| Albany, N.Y. | 40 | 41 | 1,572 | 1,518 |
| Allentown, Pa. | 30 | 23 | 1,170 | 1,197 |
| Buffalo, N.Y. | 143 | 155 | 5,071 | 5,030 |
| Camden, N.J. | 39 | 40 | 1,466 | 1,459 |
| Elizabeth, N.J. | 37 | 23 | 982 | 1,007 |
| Erie, Pa. | 38 | 41 | 1,350 | 1,343 |
| Jersey City, N.J. | 83 | 79 | 2,413 | 2,407 |
| Newark, N.J. | 88 | 111 | 3,471 | 3,286 |
| New York City, N.Y. | 1,399 | 1,481 | 56,863 | 55,684 |
| Paterson, N.J. | 33 | 26 | 1,323 | 1,306 |
| Philadelphia, Pa. | 498 | 509 | 17,650 | 16,944 |
| Pittsburgh, Pa. | 207 | 189 | 6,542 | 6,654 |
| Reading, Pa. | 22 | 29 | 801 | 811 |
| Rochester, N.Y. | 91 | 120 | 3,417 | 3,426 |
| Schenectady, N.Y. | 17 | 25 | 819 | 820 |
| Scranton, Pa. | 30 | 33 | 1,208 | 1,284 |
| Syracuse, N.Y. | 66 | 61 | 2,074 | 2,109 |
| Trenton, N.J. | 56 | 40 | 1,539 | 1,440 |
| Utica, N.Y. | 21 | 25 | 961 | 945 |
| Yonkers, N.Y. | 25 | 31 | 1,061 | 1,047 |
| EAST NORTH CENTRAL: | | | | |
| Akron, Ohio | 37 | 59 | 1,930 | 1,936 |
| Canton, Ohio | 31 | 28 | 1,046 | 1,193 |
| Chicago, Ill. | 642 | 676 | 25,270 | 26,439 |
| Cincinnati, Ohio | 145 | 122 | 5,344 | 5,383 |
| Cleveland, Ohio | 189 | 153 | 6,968 | 7,258 |
| Columbus, Ohio | 104 | 126 | 3,876 | 4,025 |
| Dayton, Ohio | 63* | 49 | 2,729 | 2,510 |
| Detroit, Mich. | 310 | 312 | 11,405 | 11,780 |
| Evansville, Ind. | 36 | 39 | 1,233 | 1,232 |
| Flint, Mich. | 37 | 42 | 1,462 | 1,367 |
| Fort Wayne, Ind. | 38 | 25 | 1,304 | 1,263 |
| Gary, Ind. | 31 | 31 | 1,037 | 1,085 |
| Grand Rapids, Mich. | 36 | 39 | 1,541 | 1,439 |
| Indianapolis, Ind. | 111 | 126 | 4,867 | 5,037 |
| Madison, Wis. | 33 | 36 | 1,109 | 1,087 |
| Milwaukee, Wis. | 113 | 114 | 4,190 | 4,247 |
| Peoria, Ill. | 28 | 24 | 961 | 1,011 |
| Rockford, Ill. | 30 | 29 | 968 | 994 |
| South Bend, Ind. | 21 | 16 | 973 | 968 |
| Toledo, Ohio | 89 | 88 | 3,348 | 3,460 |
| Youngstown, Ohio | 53 | 63 | 1,964 | 1,909 |
| WEST NORTH CENTRAL: | | | | |
| Des Moines, Iowa | 53* | 59 | 1,821 | 1,896 |
| Duluth, Minn. | 23 | 32 | 884 | 867 |
| Kansas City, Kans. | 25 | 38 | 1,282 | 1,180 |
| Kansas City, Mo. | 130 | 124 | 4,367 | 4,414 |
| Lincoln, Nebr. | (21) | (25) | (945) | (896) |
| Minneapolis, Minn. | 113 | 101 | 4,080 | 4,243 |
| Omaha, Nebr. | 85 | 49 | 2,376 | 2,544 |
| WEST NORTH CENTRAL—Con.: | | | | |
| St. Louis, Mo. | 252 | 206 | 8,076 | 8,478 |
| St. Paul, Minn. | 57 | 58 | 2,243 | 2,402 |
| Wichita, Kans. | 32 | 32 | 1,562 | 1,590 |
| SOUTH ATLANTIC: | | | | |
| Atlanta, Ga. | 111 | 90 | 3,874 | 4,055 |
| Baltimore, Md. | 227 | 229 | 8,443 | 8,677 |
| Charlotte, N.C. | 40 | 33 | 1,217 | 1,362 |
| Jacksonville, Fla. | 47 | 46 | 1,942 | 2,081 |
| Miami, Fla. | 85 | 76 | 2,622 | 2,545 |
| Norfolk, Va. | 45 | 44 | 1,721 | 1,408 |
| Richmond, Va. | 71 | 56 | 2,689 | 2,704 |
| Savannah, Ga. | 34 | 28 | 1,110 | 1,192 |
| St. Petersburg, Fla. | (64) | (56) | (2,387) | (2,477) |
| Tampa, Fla. | 40 | 73 | 2,296 | 2,284 |
| Washington, D.C. | 173 | 199 | 6,595 | 6,650 |
| Wilmington, Del. | 35 | 26 | 1,354 | 1,294 |
| EAST SOUTH CENTRAL: | | | | |
| Birmingham, Ala. | 91 | 66 | 2,945 | 2,946 |
| Chattanooga, Tenn. | 35 | 43 | 1,602 | 1,595 |
| Knoxville, Tenn. | 26 | 25 | 945 | 978 |
| Louisville, Ky. | 61 | 138 | 3,888 | 3,939 |
| Memphis, Tenn. | 109 | 110 | 3,897 | 3,886 |
| Mobile, Ala. | 46 | 29 | 1,374 | 1,400 |
| Montgomery, Ala. | 39 | 29 | 1,074 | 1,197 |
| Nashville, Tenn. | 73 | 47 | 2,001 | 2,067 |
| WEST SOUTH CENTRAL: | | | | |
| Austin, Tex. | 22 | 27 | 1,146 | 1,196 |
| Baton Rouge, La. | 25 | 15 | 946 | 974 |
| Corpus Christi, Tex. | 19 | 26 | 757 | 838 |
| Dallas, Tex. | 118 | 102 | 4,213 | 4,334 |
| El Paso, Tex. | 35* | 39 | 1,206 | 1,323 |
| Fort Worth, Tex. | 46 | 66 | 2,174 | 2,323 |
| Houston, Tex. | 147 | 177 | 5,620 | 5,822 |
| Little Rock, Ark. | 72 | 43 | 1,908 | 1,978 |
| New Orleans, La. | 165 | 170 | 5,742 | 6,274 |
| Oklahoma City, Okla. | 77 | 67 | 2,570 | 2,586 |
| San Antonio, Tex. | 103 | 106 | 3,499 | 3,527 |
| Shreveport, La. | 51 | 38 | 1,745 | 1,862 |
| Tulsa, Okla. | 47 | 49 | 1,875 | 1,919 |
| MOUNTAIN: | | | | |
| Albuquerque, N. Mex. | 42 | 30 | 1,080 | 1,059 |
| Colorado Springs, Colo. | 18 | 11 | 549 | 569 |
| Denver, Colo. | 94 | 97 | 3,890 | 4,042 |
| Ogden, Utah | 15 | 19 | 568 | 569 |
| Phoenix, Ariz. | 66 | 72 | 2,829 | 2,656 |
| Pueblo, Colo. | 16 | 17 | 571 | 558 |
| Salt Lake City, Utah | 47 | 56 | 1,678 | 1,682 |
| Tucson, Ariz. | 39 | 28 | 1,321 | 1,210 |
| PACIFIC: | | | | |
| Berkeley, Calif. | 12 | 18 | 579 | 584 |
| Fresno, Calif. | (28) | (49) | (1,511) | (1,563) |
| Glendale, Calif. | (39) | (23) | (1,143) | (1,331) |
| Honolulu, Hawaii | 30 | 47 | 1,365 | 1,407 |
| Long Beach, Calif. | 59 | 52 | 1,872 | 1,886 |
| Los Angeles, Calif. | 519 | 435 | 17,049 | 17,411 |
| Oakland, Calif. | 91 | 78 | 3,306 | 3,288 |
| Pasadena, Calif. | 37 | 29 | 1,132 | 1,169 |
| Portland, Oreg. | 101 | 108 | 3,654 | 3,778 |
| Sacramento, Calif. | 56 | 62 | 2,133 | 1,986 |
| San Diego, Calif. | 77 | 82 | 2,994 | 3,076 |
| San Francisco, Calif. | 174 | 199 | 6,706 | 6,802 |
| San Jose, Calif. | (33) | (42) | (1,203) | (1,200) |
| Seattle, Wash. | 122 | 133 | 4,470 | 4,712 |
| Spokane, Wash. | 39 | 49 | 1,580 | 1,608 |
| Tacoma, Wash. | 37 | 44 | 1,324 | 1,414 |
| San Juan, P. R. | (18) | (33) | (1,150) | (1,206) |

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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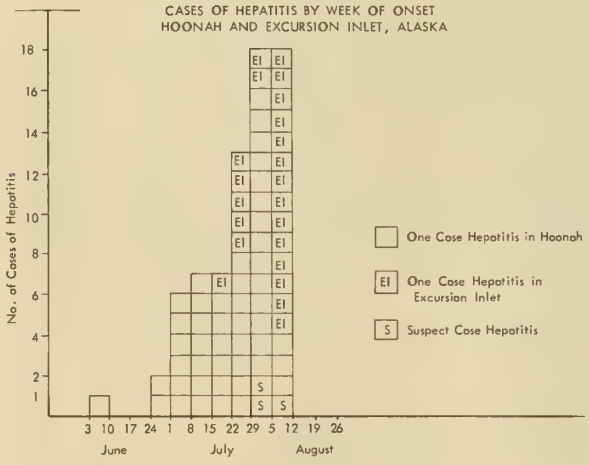
who spend the summer working at the salmon cannery there. These families occasionally commute on weekends between Hoonah and Excursion Inlet.

The figure below illustrates the week of onset of the 72 infectious hepatitis cases that occurred in these villages between June 3 and August 12. The first 5 cases were in a family which apparently became infected in Juneau and in turn infected 3 families in Hoonah. The virus was then rapidly disseminated, causing clinical illness in 32 percent of the 5-14 year age group of Hoonah, in 2.3 percent of the 0-4 age group and in 3.3 percent of all those 15 years and older. Histories of previous contacts with cases were obtainable from virtually all cases. A survey of 696 inhabitants of Hoonah revealed that 8 had had previous episodes of jaundice, scattered over a period 10 to 41 years ago.

Immune globulin in varying dosages was administered to 654 individuals from the two villages during the period August 9 through August 14. Follow-up studies are now in progress.

(Reported by the Alaska Division of Public Health, Dr. E. O. Wicks, Director, and a team from the Arctic Health Research Center and the Communicable Disease Center)




## INTERNATIONAL NOTES

### Cholera — Hong Kong

As of August 29, Hong Kong reports 61 cases of cholera and six deaths. A large scale immunization program has been under way for two weeks. Over 450,000 cc. of cholera vaccine has been supplied to Hong Kong authorities by the U. S. Government. It has been impossible to determine the extent of the rumored widespread cholera epidemic on the Chinese mainland.

Travelers from the United States to Hong Kong and vicinity without valid cholera immunization certificates are being detained.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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